

GenCore version 5.1.6
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OM protein - protein search, using sw model

Run on: June 25, 2003, 14:42:11 ; Search time 11.4264 Seconds

(without alignments)
283.251 Million cell updates/sec

Title: US-09-622-613b-24

Perfect score: 601
Sequence: 1 SMMATFOQHIIINPTICNT.....ICVKGNOYVPHAGIGRCP 110Scoring table: BLCSUM62
Gapop 10.0 , Gapext 0.5

Searched: 262574 seqs, 294229221 residues

Total number of hits satisfying chosen parameters: 262574

Minimum DB seq length: 0

Maximum DB seq length: 200000000

Post-processing: Minimum Match 0%

Maximum Match 100%
Listing first 45 summaries

Database : Issued_Patents_AA:*
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2: /cgn2_6/ptodata/1/1aa/5B.COMB.pep:*
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6: /cgn2_6/ptodata/1/1aa/backfiles1.pep:*

Pred. No. is the number of results predicted by chance to have a
score greater than or equal to the score of the result being printed,
and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	586.5	97.6	111	2	US-08-891-848-12
2	586.5	97.6	111	3	US-08-875-811-8
3	282.5	47.0	104	1	US-08-467-955-2
4	276.5	46.0	112	3	US-08-875-811-32
5	276.5	46.0	251	3	US-08-875-811-59
6	276.5	46.0	254	3	US-08-875-811-61
7	276.5	46.0	355	3	US-08-875-811-49
8	276.5	46.0	355	3	US-08-875-811-57
9	276.5	46.0	355	3	US-08-875-811-64
10	276.5	46.0	366	3	US-08-875-811-55
11	272.5	45.3	104	1	US-08-283-971-1
12	272.5	45.3	104	1	US-07-921-619-1
13	272.5	45.3	104	1	US-08-467-955-1
14	272.5	45.3	104	2	US-08-891-848-13
15	272.5	45.3	104	3	US-08-875-811-1
16	272.5	45.3	104	4	US-09-394-268-1
17	272.5	45.3	104	4	US-09-071-672-1
18	272.5	45.3	104	4	US-09-687-748-1
19	272.5	45.3	105	3	US-08-875-811-39
20	272.5	45.3	106	3	US-08-875-811-28
21	272.5	45.3	107	3	US-08-875-811-30
22	272.5	45.3	129	3	US-08-875-811-63
23	272.5	45.3	355	3	US-08-875-811-51
24	272.5	45.3	358	3	US-08-875-811-41
25	272.5	45.3	379	3	US-08-875-811-43
26	271.5	45.2	105	3	US-08-875-811-26
27	267.5	44.5	104	4	US-09-394-268-2

28	267.5	44.5	104	4	US-09-687-748-2	Sequence 2, Appl
29	267.5	44.5	105	3	US-08-875-811-24	Sequence 24, Appl
30	267.5	44.5	358	3	US-08-875-811-45	Sequence 45, Appl
31	267.5	44.5	365	3	US-08-875-811-53	Sequence 53, Appl
32	253.5	42.2	107	3	US-08-875-811-20	Sequence 20, Appl
33	239.5	39.9	111	3	US-08-875-811-22	Sequence 22, Appl
34	235	39.1	114	4	US-09-223-118-3	Sequence 3, Appl
35	231.5	38.5	360	3	US-08-875-811-47	Sequence 47, Appl
36	226	37.6	114	4	US-09-223-118-2	Sequence 2, Appl
37	225	37.4	114	4	US-09-223-118-1	Sequence 1, Appl
38	224	37.3	114	4	US-09-223-118-4	Sequence 4, Appl
39	206	34.3	83	3	US-08-875-811-2	Sequence 2, Appl
40	206	34.3	83	4	US-09-071-672-3	Sequence 3, Appl
41	158	26.3	169	1	US-08-441-629-2	Sequence 2, Appl
42	158	26.3	169	3	US-08-776-207-2	Sequence 2, Appl
43	158	26.3	169	4	US-09-507-773-2	Sequence 2, Appl
44	158	26.3	169	5	PCT-US95-09172-2	Sequence 2, Appl
45	124.5	20.7	125	6	5171845-2	Patent No. 5171845

ALIGNMENTS

RESULT 1
US-08-891-848-12
: Sequence 12, Application US/08891848
: Patent No. 5955073
GENERAL INFORMATION:
: APPLICANT: Rybak, Susanna M.
: APPLICANT: Youle, Richard J.
: APPLICANT: Newton, Dianne L.
: APPLICANT: Nicholls, Peter J.
: TITLE OF INVENTION: Selective RNase Cytotoxic Reagents
: NUMBER OF SEQUENCES: 19
CORRESPONDENCE ADDRESS:
: ADDRESSEE: Townsend and Townsend and Crew LLP
: STREET: Two Embarcadero Center, Eighth Floor
: CITY: San Francisco
: STATE: California
: COUNTRY: USA
ZIP: 94111-3834
COMPUTER READABLE FORM:
: MEDIUM TYPE: Floppy disk
: COMPUTER: IBM PC compatible
: OPERATING SYSTEM: PC-DOS/MS-DOS
: SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
: APPLICATION NUMBER: US/08/891,848
: FILING DATE: No. 5955073 yet assigned
CLASSIFICATION: 530
PRIOR APPLICATION DATA:
: APPLICATION NUMBER: US 08/125,462
: FILING DATE: 22-SEP-1993
PRIOR APPLICATION DATA:
: APPLICATION NUMBER: US 08/014,082
: FILING DATE: 04-FEB-1993
PRIOR APPLICATION DATA:
: APPLICATION NUMBER: US 07/779,195
: FILING DATE: 22-OCT-1991
PRIOR APPLICATION DATA:
: APPLICATION NUMBER: US 07/510,696
: FILING DATE: 20-APR-1990
ATTORNEY/AGENT INFORMATION:
: NAME: Weber, Ellen Laufer
: REGISTRATION NUMBER: 32,762
: REFERENCE/DOCKET NUMBER: 015280-11031005
TELECOMMUNICATION INFORMATION:
: TELEPHONE: (415) 576-0200
: TELEFAX: (415) 576-0300
: INFORMATION FOR SEQ ID NO: 12:
SEQUENCE CHARACTERISTICS:
: LENGTH: 111 amino acids
: TYPE: amino acid

STRANDEDNESS:
TOPOLOGY: linear
MOLECULE TYPE: protein
FEATURE:
NAME/KEY: Protein
LOCATION: 1..111
OTHER INFORMATION: /note="Frog Lectin from Rana
US-08-891-848-12"

Query Match 97.6%; Score 586.5; DB 2; Length 111;
Best Local Similarity 99.1%; Pred. No. 1.1e-60;
Matches 109; Conservative 0; Mismatches 0; Indels 1; Gaps 1;

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DB 2 NMATFOQKHIIINPILNCNTIMDNIIYVGQCKRVNFTIISATVKAICTGVINNVL 61

QY 61 STTRFOINTCTRTSITRPPCPYSSRTETNTIYCVKCNQYVHFAGIGRCP 110
DB 62 STTRFOINTCTRTSITRPPCPYSSRTETNTIYCVKCNQYVHFAGIGRCP 111

RESULT 2
US-08-875-811-8
Sequence 8, Application US/08875811
Patent No. 6045793
GENERAL INFORMATION:
APPLICANT: Rydak, Susanna M.
APPLICANT: Newton, Dianne L.
APPLICANT: Bogue, Luis
APPLICANT: Wlodawer, Alexander
TITLE OF INVENTION: Recombinant Ribonuclease Proteins
NUMBER OF SEQUENCES: 64
CORRESPONDENCE ADDRESS:
ADDRESSEE: Townsend and Townsend and Crew LLP
STREET: Two Embarcadero Center, Eighth Floor
CITY: San Francisco
STATE: California
COUNTRY: USA
ZIP: 94111-3834
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/875,811
FILING DATE: 19-FEB-1998
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: WO PCT/US97/025588
FILING DATE: 19-FEB-1997
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 60/011,800
FILING DATE: 21-FEB-1996
ATTORNEY/AGENT INFORMATION:
NAME: Paris, Susan K.
REGISTRATION NUMBER: 41,739
REFERENCE/DOCKET NUMBER: 015280-244100US
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 576-0200
TELEFAX: (415) 576-0300
INFORMATION FOR SEQ ID NO: 8:
SEQUENCE CHARACTERISTICS:
LENGTH: 111 amino acids
TYPE: amino acid
STRANDEDNESS:
TOPOLOGY: linear
MOLECULE TYPE: protein
FEATURE:
NAME/KEY: Protein
LOCATION: 1..111

OTHER INFORMATION: /note="Frog Lectin from Rana
OTHER INFORMATION: catesbelana"
US-08-875-811-8

Query Match 97.6%; Score 586.5; DB 3; Length 111;
Best Local Similarity 99.1%; Pred. No. 1.1e-60;
Matches 109; Conservative 0; Mismatches 0; Indels 1; Gaps 1;

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DB 2 NMATFOQKHIIINPILNCNTIMDNIIYVGQCKRVNFTIISATVKAICTGVINNVL 61

QY 61 STTRFOINTCTRTSITRPPCPYSSRTETNTIYCVKCNQYVHFAGIGRCP 110
DB 62 STTRFOINTCTRTSITRPPCPYSSRTETNTIYCVKCNQYVHFAGIGRCP 111

RESULT 3
US-08-467-955-2
Sequence 2, Application US/08467955
Patent No. 5728805
GENERAL INFORMATION:
APPLICANT: Argelt Ph.D, Wojciech J.
TITLE OF INVENTION: PHARMACEUTICALS AND METHOD FOR MAKING THEM
NUMBER OF SEQUENCES: 2
CORRESPONDENCE ADDRESS:
ADDRESSEE: Mark H. Jay, P.A.
STREET: P.O. Box E
CITY: Short Hills
STATE: New Jersey
COUNTRY: USA
ZIP: 07078-0383
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.24
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/467,955
FILING DATE:
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/178,118
FILING DATE: 06-APR-1988
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/436,141
FILING DATE: 13-NOV-1989
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/814,332
FILING DATE: 03-FEB-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/283,970
FILING DATE: 01-AUG-1994
ATTORNEY/AGENT INFORMATION:
NAME: Jay, Mark H.
REGISTRATION NUMBER: 27507
REFERENCE/DOCKET NUMBER: 5007 US
TELECOMMUNICATION INFORMATION:
TELEPHONE: 201-912-0442
TELEFAX: 201-912-0442
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 104 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: protein
HYPOTHETICAL: N
ANTI-SENSE: N
FRAGMENT TYPE: N-terminal
ORIGINAL SOURCE:
ORGANISM: Rana pipiens

```

; GENERAL INFORMATION:
;
; APPLICANT: Rybak, Susanna M
;
; APPLICANT: Newton, Dianne L
;
; APPLICANT: Bogue, Luis

```

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1  COMPUTER:  IBM PC compatible
2  OPERATING SYSEM:  PC-DOS/MS-DOS
3  SOFTWARE:  PatentIn Release #1.0, Version #1.30
4  CURRENT APPLICATION DATA:
5  APPLICATION NUMBER:  US/08/875,811
6  FILING DATE:  19-FEB-1998
7  CLASSIFICATION:  435
8  PRIOR APPLICATION DATA:
9  APPLICATION NUMBER:  WO PCT/US97/02588
10 FILING DATE:  19-FEB-1997
11 PRIOR APPLICATION DATA:
12 APPLICATION NUMBER:  US 60/011,800
13 FILING DATE:  21-FEB-1996
14 ATTORNEY/AGENT INFORMATION:
15 NAME:  Paris, Susan K.
16 REGISTRATION NUMBER:  41,739
17 REFERENCE/DOCKET NUMBER:  012280-244100US
18 TELECOMMUNICATION INFORMATION:
19 TELEPHONE:  (415) 576-0200
20 TELEFAX:  (415) 576-0300
21 INFORMATION FOR SEQ ID NO: 49:
22 SEQUENCE CHARACTERISTICS:
23 LENGTH:  355 amino acids
24 TYPE:  amino acid
25 TOPOLOGY:  linear
26 MOLECULE TYPE:  protein
27 US-08-875-811-49

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Query Match	46.08;	Score 276.5;	DB 3;	Length 355;
Best Local Similarity	49.58;	Pred. No. 3.4e-24;		
Matches 55; Conservative	15;	Mismatches 32;	Indels 9;	Gaps 4

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Dd 252 SDMLTFQCKKHINTFDVDCDMINSTNF---HCKDKNTIYSRPEPKVAICTGIIASKN 307
QY 59 VLTSTRFOALNTCTRTSITRPRCPYSSTRTEINYICVKCENQYRVHFGAIGIRC 109
308 VLTSTFEYLTSDC---NVTNRCKCKYLLKSTNRKFCVTEENQAPVHFGVASC 355

RESULT 8
 US-08-875-811-57
 : Sequence 57, Application US/08875811
 : Patent No. 6045793
 :
 : GENERAL INFORMATION:
 :
 : APPLICANT: Rybak, Susanna M.
 : APPLICANT: Newton, Dianne L.
 : APPLICANT: Boque, Lluis
 : APPLICANT: Wlodawer, Alexander
 : TITLE OF INVENTION: Recombinant Ribonuclease Proteins
 : NUMBER OF SEQUENCES: 64
 :
 : CORRESPONDENCE ADDRESS:
 : ADDRESSEE: Townsend and Townsend and Crew LLP
 : STREET: Two Embarcadero Center, Eighth Floor
 : CITY: San Francisco
 : STATE: California
 :
 : COUNTRY: USA
 : ZIP: 94111-3834
 :
 : COMPUTER READABLE FORM:
 : MEDIUM TYPE: Floppy disk
 : COMPUTER: IBM PC compatible
 : OPERATING SYSTEM: PC-DOS/MS-DOS
 :
 : SOFTWARE: PatentIn Release #1.0, Version #1.30
 :
 : CURRENT APPLICATION DATA:
 : APPLICATION NUMBER: US/08/875,811
 : FILING DATE: 19-FEB-1998
 : CLASSIFICATION: ' 435
 :
 : PRIOR APPLICATION DATA:
 : APPLICATION NUMBER: NO
 : FILING DATE: 19-FEB-1997
 :
 : PRIOR APPLICATION DATA:
 : APPLICATION NUMBER: US 60/011,800

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; LENGTH: 355 amino acids
; TYPE: amino acid

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Best Local Similarity	49.58;	Pred. No. 3.5e-24;	
Matches	55; Conservative	15; Mismatches	32; Indels
			9; Gaps
			4

[illegible]

RESULT 11
US-08-283

Sequence / Application US/08283971
Patent No. 5529775
GENERAL INFORMATION:
APPLICANT: Atdelt Ph.D, Wojciech J.
APPLICANT: Mikulski, Stanislaw M.
TITLE OF INVENTION: PHARMACEUTICAL FOR TREATING TUMORS IN HUMANS
NUMBER OF SEQUENCES: 1
CORRESPONDENCE ADDRESS:
ADDRESSEE: Mark H. Jay, P.C.
STREET: P.O. Box 020083, General Post Office
CITY: Brooklyn
STATE: New York
COUNTRY: USA
ZIP: 11202-0002
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.24
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/283,971
FILING DATE:
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/921,180
FILING DATE: 30-JUL-1992
APPLICATION NUMBER: US 07/178,118
FILING DATE: 06-APR-1988
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/436,141
FILING DATE: 13-NOV-1989
ATTORNEY/AGENT INFORMATION:
NAME: Jay, Mark H.
REGISTRATION NUMBER: 27507
REFERENCE/DOCKET NUMBER: 5006 US
TELECOMMUNICATION INFORMATION:
TELEPHONE: 718-625-0399
TELEFAX: 718-625-0399
TELEX: No. 5529775 Applicable
INFORMATION FOR SEQ. ID NO. 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 104 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: protein
HYPOTHETICAL: N
ANTI-SENSE: N
FRAGMENT TYPE: N-terminal
ORIGINAL SOURCE:
ORGANISM: Rana pipiens
DEVELOPMENTAL STAGE: Embryo
US-08-283-971-1

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Query Match Similarity 45.3% Score 272.5 DB 1: Length 104:
Best Local Similarity 49.1% Pred No 2.2e-24:
Matches 54: Conservative 15: Mismatches 32: Indels 9: Gaps 4

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DB     58 LTTSERYLSDC--NVTSRPCKKYLKKSTNKFCVTCENQAPVHEGVGSC   104
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RESULT 12
US-07-921-619-1

Sequence 1, Application us/07921619
Patent No. 5595734

GENERAL INFORMATION:

APPLICANT: Ardelt Ph.D. Wojciech J.
APPLICANT: Mikulski, Stanislaw M.
TITLE OF INVENTION: PHARMACEUTICAL FOR TREATING TUMORS IN HUMANS
NUMBER OF SEQUENCES: 1
CORRESPONDENCE ADDRESS:
ADDRESSEE: Mark H. Jay, P.C.
STREET: P.O. Box 020083, General Post Office
CITY: Brooklyn
STATE: New York
COUNTRY: USA
ZIP: 11202-0002

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.24
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/921,619
FILING DATE: 19920728
CLASSIFICATION: 530

PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/178,118
FILING DATE: 06-APR-1988

PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/436,141
FILING DATE: 13-NOV-1989

ATTORNEY/AGENT INFORMATION:
NAME: Jay, Mark H.
REGISTRATION NUMBER: 27507
REFERENCE/DOCKET NUMBER: 5005 US
TELECOMMUNICATION INFORMATION:
TELEPHONE: 718-625-0399
TELEFAX: 718-625-0399
TELEX: NO. 5595734 Applicable
INFORMATION FOR SEQ. ID NO. 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 104 amino acids
TYPE: AMINO ACID
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: protein
HYPOTHETICAL: N
ANTI-SENSE: N
FRAGMENT TYPE: N-terminal
ORIGINAL SOURCE:
ORGANISM: Rana pipiens
DEVELOPMENTAL STAGE: Embryo

US-07-921-619-1

	Query Match	45.3%	Score 272.5	DB 1	length 104
	Best Local Similarity	49.1%	Pred. No. 2,2e-24		
	Matches	54	Conservative 15	Mismatches 32	Indels 9
					Gaps
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Qy	60	LSITTFQOLNCTRTSITPRCPYSSRTETNYICVKGENDQPVHAFAGIGRC	109		
		: : : : : : : : : : : : : : : : : : :			
Db	58	LITSEFLSDC---NNTSPCKYKLLKSTKKECVCTENQAPVHFEVGGSC	104		
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US-08-891-848-13
Sequence 13, Application US/06891848
Patent No. 5955073
GENERAL INFORMATION:
APPLICANT: Rybak, Susanna M.
APPLICANT: Youle, Richard J.
APPLICANT: Newton, Dianne L.
APPLICANT: Nicholls, Peter J.
TITLE OF INVENTION: Selective RNase Cytotoxic Reagents
NUMBER OF SEQUENCES: 19
CORRESPONDENCE ADDRESS:
ADDRESSEE: Townsend and Crew LLP
STREET: Two Embarcadero Center, Eighth Floor
CITY: San Francisco
STATE: California
COUNTRY: USA
ZIP: 94111-3634
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/891,848
FILING DATE: No. 5955073 yet assigned
CLASSIFICATION: 530
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/125,462
FILING DATE: 22-SEP-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/014,082
FILING DATE: 04-FEB-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/779,195
FILING DATE: 22-OCT-1991
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/510,696
FILING DATE: 20-APR-1990
ATTORNEY/AGENT INFORMATION:
NAME: Weber, Ellen Lauver
REGISTRATION NUMBER: 32,762
REFERENCE/DOCKET NUMBER: 015280-110310U5
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 576-0200
TELEFAX: (415) 576-0300
INFORMATION FOR SEQ ID NO: 13:
SEQUENCE CHARACTERISTICS:
LENGTH: 104 amino acids
TYPE: amino acid
STRANDEDNESS:
TOPOLOGY: linear
MOLECULE TYPE: protein
FEATURE:
NAME/KEY: Protein
LOCATION: 1..104
OTHER INFORMATION: /label= Onc
OTHER INFORMATION: /note= "Onconase from Rana pipiens"
US-08-891-848-13

Query Match          45.3%; Score 272.5; DB 2; Length 104;
Best Local Similarity 49.1%; Pred. No. 2.2e-24;
Matches   54; Conservative 15; Mismatches 32; Indels 9; Gaps 4;

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QY      60 LSTRFQLNCTRTSIPRPCPSYSRDETNYICVKCEQXYVHFAGIQC 109
DB      58 LTISEFLSDC---NVTSRPCRYKLKKYSTNKFCYTGCENQAPVHVGVGSC 104

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US-08-875-811-1
Sequence 1. Application US/08875811
Patent No. 6045793
GENERAL INFORMATION:
APPLICANT: Rybak, Susanna M.
APPLICANT: Newton, Dianne L.
APPLICANT: Boque, Luis
APPLICANT: Wlodawer, Alexander
TITLE OF INVENTION: Recombinant Ribonuclease Proteins
NUMBER OF SEQUENCES: 64
CORRESPONDENCE ADDRESS:
ADDRESSEE: Townsend and Townsend and Crew LLP
STREET: Two Embarcadero Center, Eighth Floor
CITY: San Francisco
STATE: California
COUNTRY: USA
ZIP: 94111-3834
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/875,811
FILING DATE: 19-FEB-1998
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: WO PCT/US97/02588
FILING DATE: 19-FEB-1997
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 60/011,800
FILING DATE: 21-FEB-1996
ATTORNEY/AGENT INFORMATION:
NAME: Faris, Susan K.
REGISTRATION NUMBER: 41,739
REFERENCE/DOCKET NUMBER: 015280-244100US
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 576-0200
TELEFAX: (415) 576-0300
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 104 amino acids
TYPE: amino acid
STRANDEDNESS:
TOPOLOGY: linear
MOLECULE TYPE: protein
FEATURE:
NAME/KEY: Protein
LOCATION: 1..104
OTHER INFORMATION: /label=nonc
OTHER INFORMATION: /note="native ONCOMASE (Registered Trademark) from Rana pipiens"
FEATURE:
NAME/KEY: Modified-site
LOCATION: 1
OTHER INFORMATION: /note="Xaa = pyroglutamic acid"
US-08-875-811-1
Query Match 45.3%; Score 272.5; DB 3; Length 104;
Best Local Similarity 49.1%; Pred.No. 2,2e-24;
Matches 54; Conservative 15; Mismatches 32; Indels 9; Gaps 4
OY 2 NWATFOCKHINT-PIICNTMDNNIIVGCGCKRVNFIISATVNAICTGYI-NMN 59
Db 2 DMLTFQKHINTTRVDNDINISTWLF---HCKDKNTFIYSRPEPVAKIKGIASKNV 57
60 LSTRFOALNCTRTSITPRPCPYSSRTETNYICVACENOLYPHFAGIGIRC 109
58 LTTFSEFLSDC---NVTSRPCKYKIKSKTNKFCVTCENADPAHPFGVGSG 104

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Search completed: June 25, 2003, 15:00:32
Job time : 12.4264 secs